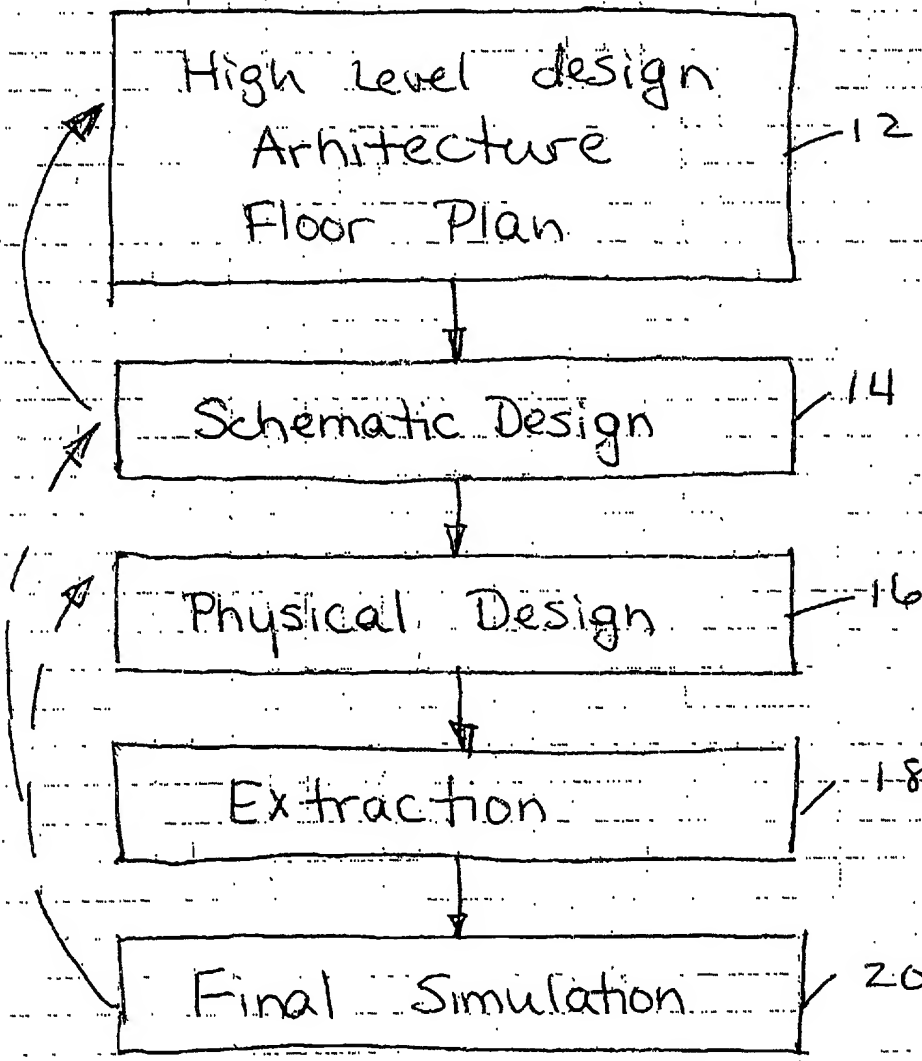


Fig. 1

Prior Art

EXTRA PAGE. 001

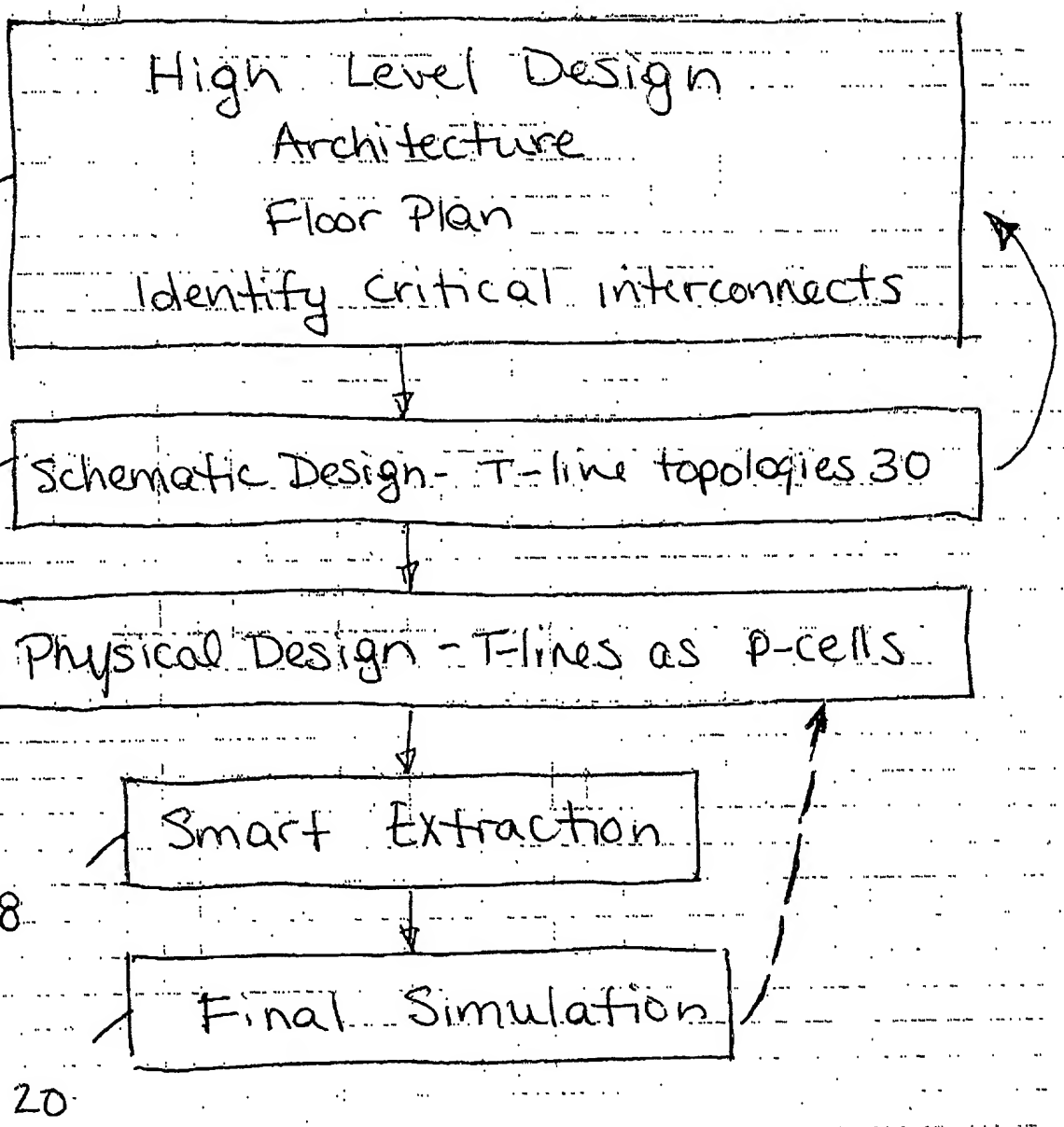
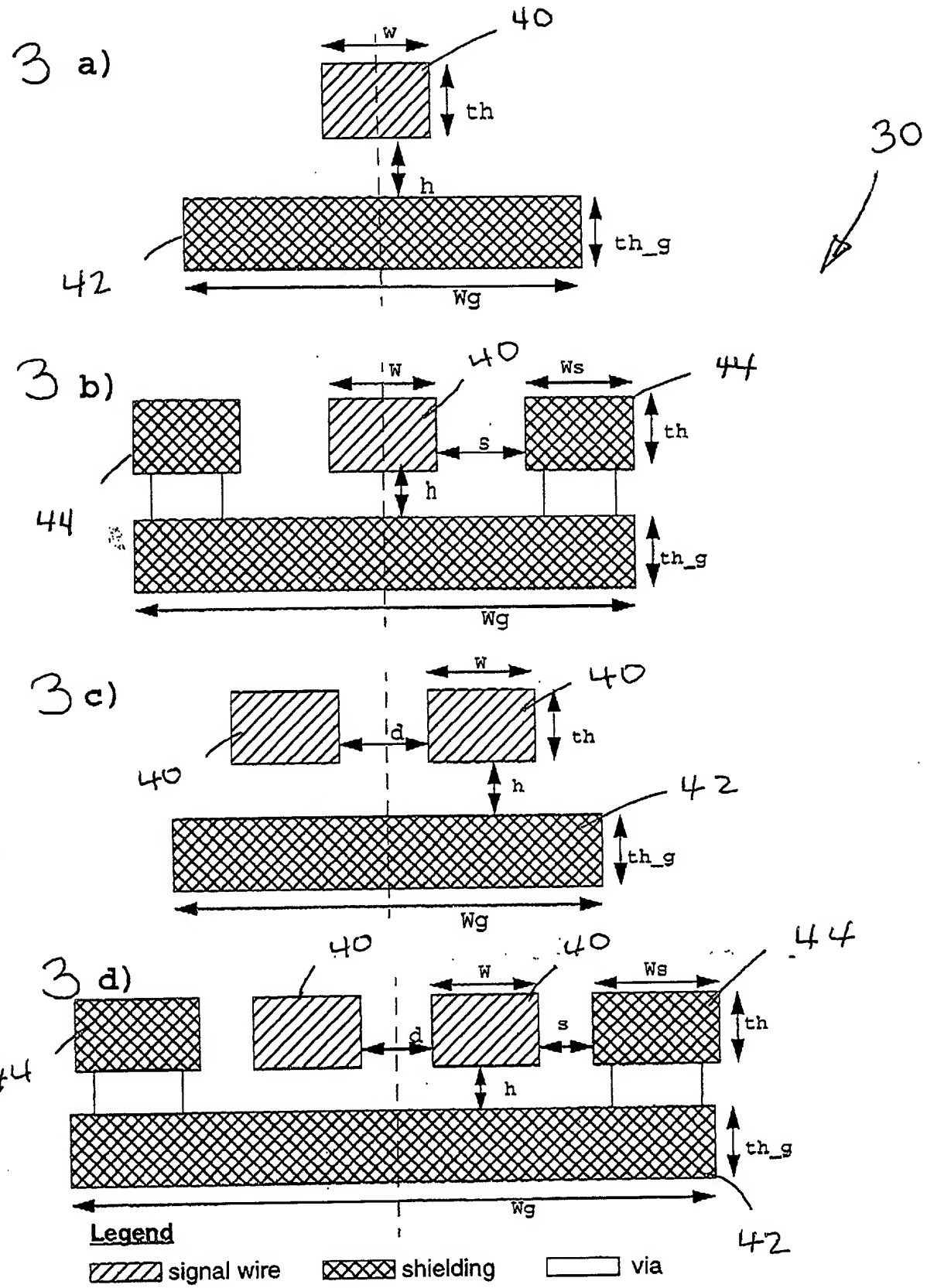


Fig. 2

MAR 05 '02 21:09 IBM - MISGAV 972 4 9908177 P.2


3 a)
40
w
th
h
30
th_g
42
Wg
3 b)
40
w
Ws
44
th
s
h
44
th_g
Wg
3 c)
w
40
d
th
40
h
42
th_g
Wg
3 d)
40
40
w
Ws
44
d
s
th
44
h
th_g
Wg
42
Legend
signal wire
shielding
via

Figs. 3(a)-(d)

3e)

3f)

Figs. 3(e)-(f)

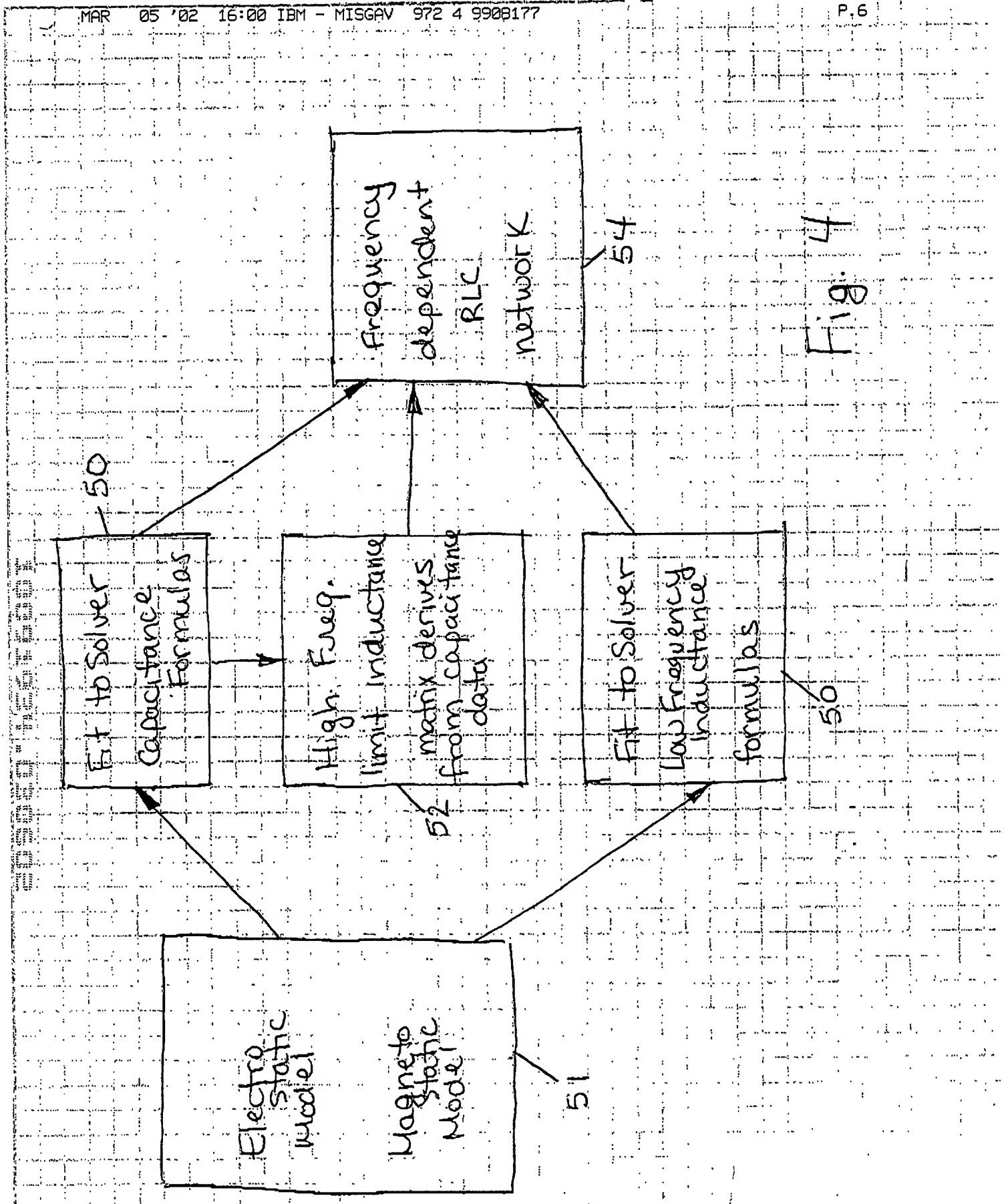

Frequency dependent RLC network
54
Fit to Solver Capacitance Formulas
50
High Freq. limit inductance matrix derives from capacitance data
52
Fit to Solver Low Frequency Inductance formulas
56
Electro static Model
Magneto static Model
51

Fig. 4